## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applica	ant:	HESS, Donald D.	)	
Applica	ation No.:		)	Group Art Unit: n/a
Filed:		March 30, 2004	)	Examiner: n/a
For:	DEVICE AN	O METHOD FOR SH	REDDING MA	TERIALS
Commi P.O. Bo	issioner for Pa ox 1450			
Alexan	dria, VA 2231			
		<u>INFORMATION D</u>	DISCLOSURE	<u>STATEMENT</u>
SIR:				
	The following	are included with this	s Information D	isclosure Statement:
[X]A.	PTO/SB/08			
[ ] <b>B</b> .	CERTIFIC (37 C.	ATION F.R. 1.97(c)-before fir	nal Office Actio	n or allowance)
[] <b>C</b> .		E PAYMENT F.R. 1.97(c)-before fir	nal Office Actio	on or allowance)
[ ] <b>D.</b>		TITION, CERTIFIC	ATION & PET	TITION FEE
	<b>PAYME</b> (37 C.F	NT .R.1.97(d)-before issu	e fee payment)	
37 CFF	_	g are submitted in the a	above-identified	l application in compliance with
[] I.		y of each listed U.S. Pa)(2)(i)].	atent and U.S. I	Patent application publication
[X] II.	applic	ation. For each listed ation [1.98(a)(2)]:	foreign patent a	published foreign patent and/or published foreign patent
[X]	a) Î			English translation if not ee PTO-1449)[1.98(a)(3)];

- (b) U.S. counterpart patents or English language equivalents of the foreign patents or published foreign patent applications (see PTO-1449); and/or
- (c) a concise explanation of the relevance of the listed patents, publications or other information (see PTO-1449, foreign search report or other, attached), as it is presently understood by the person signing this disclosure, since no English translation is currently available [1.98(a)(3)].
- [] III. A copy of each listed publication, other than published foreign applications. For each listed publication [1.98(a)(2)]:
  - an English translation, if available, when the original publication is not in the English language (see PTO-1449)[1.98(a)(3)];
  - (b) a concise explanation of the listed publications (see PTO-1449), as it is presently understood by the person signing this disclosure, since no English translation is currently available [1.98(a)(3)].
- [] IV. For any other listed information, a copy of the information or that portion which caused it to be listed (see PTO-1449)[1.98(a)(2)(iii)].
- [] V. Each listed U.S. Patent, Publication or other information that was previously cited by or submitted to the Office in a prior application, which application is relied upon for an earlier filing date under 35 U.S.C.§ 120 [1.98(d)].
- [X] VI. Copies of each listed U.S. Patent and U.S. Patent application publication are not being submitted herewith pursuant to a waiver of 37 CFR 1.98(a)(2)(i) by the USPTO on July 11, 2003 for applications filed after June 30, 2003.

This information is submitted in the above-identified application in compliance with 37 C.F.R.1.97 because:

- [X] 1. This information disclosure is submitted within three months of the filing date of the application, or before the mailing date of the first office action on the merits of the application [1.97(b)].
- This information disclosure is submitted before the mailing date of a final action in this application under 1.113[1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).
- [] 3. This information disclosure is submitted before the mailing date of a notice of allowance under 1.311 [1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).

- This information disclosure is submitted after the mailing date of a final action []4. under 1.113 [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).
- This information disclosure is submitted after the mailing date of a notice of [] 5. allowance under 1.311, but before the payment of the issue fee [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).
- This information disclosure statement is submitted with the statement required for []6. items 2, 3, 4 or 5 above [1.97(c), (d), (e)]:
- , hereby state the following: []I,
  - Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
  - No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this information disclosure was known to any individual designated in 1.56(c) more than three months prior to the filing of this information disclosure statement.
- This information disclosure statement is submitted with the fee of \$180 set forth [] 7. in 1.17(p) [see items 2 and 3 above]. Please charge this fee and any other fees associated with this application to Deposit Account No. 50-1059. (Please note, no fee is required for items 2 and 3 above if the Item 6 statement is provided).
- Please charge this fee and any other fees associated with this application to Deposit []8. Account No. 50-1059.

Respectfully submitted,

K. Scott O'Brian Reg. No. 42,946

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO					Complete if Known		
		•			Application Number		
	INFC	RMATION	I DIS	CLOSURE	Filing Date	March 30, 2004	
STATEMENT BY APPLICANT					First Named Inventor	HESS	
	•				Art Unit	n/a	
		(Use as many si	heets as	necessary)	Examiner Name	n/a	
$\overline{}$	Sheet	1	of	1	Attorney Docket Number	21889-0001	

			U.S. PATENT	OOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Initials *	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	
	Α	US-6,164,572	12-26-2000	Tudahl et al.	
	В	US- 5,676,321	10-14-1997	Kroger	
	С	US- 5,630,556	05-20-1997	Chrestenson	
	D	US- 5,611,495	03-18-1997	Williams	
	E	US- 5,609,307	03-11-1997	Rota	
	F	US- 5,577,672	11-26-1996	Holmes	
	G	US- 5,556,039	09-17-1996	Minamimura et al.	
	Н	US- 5,275,342	01-04-1994	Galanty	
	<u> </u>	US- 4,844,363	07-04-1989	Garnier et al.	
	J	US- 4,690,337	09-01-1987	Stiefel	
	К	US- 4,385,732	05-31-1983	Williams	
	L	US- 3,727,850	04-17-1973	Krigbaum	
	М	US- 3,614,002	10-19-1971	Dore	
		US-			
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	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т⁰
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )				
	N	JP 06277537 A	10-04- 1994	Daiichi Koeki Kkarumetsuku Hongo:KK		
					1	

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.